

1 IN THE SPECIFICATION

2 1. Replace the paragraph beginning on page 16 at line 15 with the following paragraph:

3 It will be appreciated that numerous different database arrangements may be used to
4 implement the data store storage arrangement 12 according to the invention. The variations are
5 not only limited to variations in the structure of a single database but also include variations
6 which rely on multiple separate databases. The single data store database form of the invention
7 requires a copy of all objective data which may be targeted in a synchronization session. For
8 example, if the prioritization system according to the invention supports synchronization to a
9 personal address book and to a company database which includes contact information for
10 individuals, both the objective data from a personal address book and objective data from a
11 company database must be stored in the single database version of data store 12. However, in
12 some implementations of the invention, it may be undesirable to maintain copies of objective
13 data which may be targeted in a synchronization session. Thus, alternative implementations of
14 data store storage arrangement 12 may include a database for storing only metadata required to
15 support the various prioritization schemes available in the system, and may rely on access to the
16 objective data stored in additional databases. In the example described above relating to a user's
17 ~~person~~ personal address book, data store storage arrangement 12 would, in this alternate
18 implementation, include a database containing metadata for the objective data stored in a
19 personal address book, and the personal address book database itself would be the source of
20 objective data in the data store storage arrangement 12. In this way, databases storing objective
21 data independent of the prioritization system are essentially incorporated into the data store
22 storage arrangement of the present invention.

1 2. Replace the paragraph beginning on page 22 at line 4 with the following paragraph:

2 Referring still to Figure 4, the prioritization method according to the invention next
3 preferably includes the step of recognizing session characteristics as shown at process block 81.
4 The session characteristics such as the identification for the user, device type, network type, and
5 other necessary information may be communicated or made available to sync engine component
6 11 (Figure 1) in a number of different ways. For example, the sync session request may simply
7 include a format which includes all of this session characteristic information and the information
8 may simply be read from the sync session request. Alternatively, at least some of the session
9 characteristics may be recognized from communications with the initiating device where the
10 initiating device is the device for which the synchronization session is requested. Both the
11 device type and network type, for example, may be detected from information necessarily
12 communicated with the sync session request. Thus, system 10 shown in Figure 1 preferably
13 comprises session characteristic recognizing program code for detecting these various session
14 characteristics from the communications associated with the sync session request.
15

16 3. Replace the paragraph beginning on page 23 at line 8 with the following paragraph:

17 As indicated at process block 85 in Figure 4, the sync engine component 11 also retrieves
18 the scheme effecting data from data store storage arrangement 12 shown in Figure 1. This step is
19 performed by the data retrieval program code 51 included in the sync engine component 11 as
20 discussed above with reference to Figure 1. The particular scheme effecting data which must be
21 retrieved will be dependent upon the user's selected prioritization scheme and may include
22 metadata only or both metadata and objective data. In the preferred form of the invention, this

1 data retrieval step 85 also retrieves all of the objective data to be used in the actual data
2 prioritization. Alternatively, just scheme effecting data may be retrieved at this point and the
3 actual objective data may be retrieved only has as necessary in the actual data synchronization
4 process performed after data prioritization according to the present invention.

5
6 4. Replace the paragraph beginning on page 27 at line 1 with the following paragraph:

7 The user first initiates the synchronization session by selecting the sync session function
8 from the telephone's function menu. The telephone responds to the selection by producing a
9 sync session request and transmitting the request across the telecommunications network to the
10 sync engine component (11 in Figure 1). This transmission includes dialing up a resource
11 associated with the sync engine component 11 in Figure 1 and communicating the sync session
12 request once the connection is made. Sync engine component 11 receives the request and
13 preferably detects characteristics associated with the request as discussed above with reference to
14 process block 81 in Figure 4. In this example, sync engine component 11 detects the identity of
15 the user, the particular type of device from which the request is initiated, and the type of
16 telecommunications network over which the sync session is to be conducted.

1 5. Replace the paragraph beginning on page 27 at line 13 with the following paragraph:

2 The prioritization process according to the invention next proceeds to the parallel
3 processes shown in process blocks 84, 85, 87, 88, and 89 of Figure 4. Sync engine component 11
4 in Figure 1 reads the user's selected prioritization scheme ("most used") from the user preference
5 database 14 and also retrieves the scheme affecting data from data store 12. In this case, the
6 scheme affecting data includes metadata comprising a frequency of use indicator or counter for
7 each entry in the user's address book and each telephone number in each entry of the address
8 book. The frequency of use indicator for the entry would be stored in an entry-wide metadata
9 field such as field 63 in Figure 2 and the frequency of use indicator for each number in the entry
10 would be stored in an objective data specific field such as field 64 in Figure 2. Sync engine
11 component 11 also maps session parameters dictated by the characteristics recognized from the
12 received sync session request. For example, parameter mapping code 54 associated with sync
13 engine component 11 looks up and retrieves the storage capacity and data format for the
14 requesting telephone. The parameter mapping code also looks up and retrieves parameters
15 relating to the communication protocols along with the bandwidth associated with the recognized
16 telecommunications network.

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